

NERT / NDEP / EPA BI-WEEKLY PROGRESS REPORTING

June 20, 2018

(877) 848-7030; Passcode 5921807

CRITICAL PATH ITEMS		
NERT	NEVADA	AECOM
1. Align on Phase 3 access terms with Tuscany and Century.		

GWETS STATUS			
GW-11	FBR	IX	LIFT STATIONS / WELL FIELDS
<ul style="list-style-type: none"> Hybrid (EQ) Volume 34.4 MG W/W -0.4 MG 	<ul style="list-style-type: none"> Condition normal. 	<ul style="list-style-type: none"> Condition normal (~180 GPM) 	<ul style="list-style-type: none"> Lift Stations normal.
AP-5 TREATMENT	2.0 GPM; Flow adjusted for summer seasonal flow. Since project start: more than 1,499,900 gallons decanted from process tanks; more than 1,939,000 gallons of diluted decant treated. NERT will continue the "seasonal max" treatment approach consistent with the recommendations presented at the 4/26/18 meeting.		

WEIR IX STATUS			
SUNRISE MOUNTAIN	HISTORIC LATERAL	OUTFALL	CENTRAL PLANT
<ul style="list-style-type: none"> Current Flow: 2,144 GPM (Prior Week: 1,986 GPM) Wk Avg Flow: 2,129 GPM (Prior Week: 2,134 GPM) Current CIO4 Conc: 1.0 ppm (Prior Week: 1.1 ppm) Wk CIO4 Avg Conc: 1.0 ppm (Prior Week: 1.0 ppm) 	<ul style="list-style-type: none"> The pump station is off and in standby mode following Las Vegas Paving's completion of dewatering activities at the Historic Lateral Weir at 14:00 on 6/4/18. 	<ul style="list-style-type: none"> Current Flow: ~6,200 GPM (batch mode) Wk Avg Flow: ~2,300 GPM In compliance 	<ul style="list-style-type: none"> Condition normal ~237 trucks of solids shipped to date. Decant procedure to reduce off-site trucking of solids conducted 6/4 (June period only).

NERT REMEDIAL INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Community Involvement	All reviews / approvals complete for updated FAQ. Updates to the fact sheet and cover letter in progress.	NDEP review of updated fact sheet and cover letter.	Ongoing
Soils Investigation (Unit 4/5)	Field work complete. Data evaluation and reporting ongoing.	Submittal of DVSR by 7/31. Investigation report to be included in OU-1/OU-2 RI Report.	-
Phase 3 RI Investigation	Field investigation in progress; 31 of 38 wells installed; 60 of 60 soil borings drilled; 31 of 31 installed wells developed and sampled; Comprehensive sampling event in progress with 98 of 105 wells sampled to date; Slug testing of 34 of 34 wells complete; 12 Phase 3 Mod 2 wells (COH Landfill) have been sampled. Drilling of soil boring for the Background Study complete.	Completion of drilling and sampling on Tuscany property (pending access).	Wk 28/22 95%
Treatability Study: SWF GWB	Third injection event began 6/18 and is ongoing.	Complete third injection event; Performance groundwater monitoring and data evaluation.	Wk 84/90 90%
Treatability Study: IWF In-Situ (Cr)	NDEP comments on Results Report received 4/6/18; Updates in progress.	Submittal of Revision 1 Results Report.	- 99%

* **BOLD** items indicate tasks to be discussed

NERT REMEDIAL INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Treatability Study: VER	Field efforts complete. Data evaluation and report preparation in progress.	Submittal Results Report.	Wk 47/50 95%
<u>Pilot Study: Las Vegas Wash Bioremediation</u>	Biological survey, Phase 1 drilling, and well development complete on COH property. Phase 1 drilling on Clark County property is complete and well development is underway.	Complete Phase 1 field activities; Present findings and proposed Phase 2 details to all parties.	Wk 14/20 75% (Ph 1 field)
<u>Treatability Study: Galleria Road ZVI</u>	Phase 1 field investigation complete. Geophysical survey complete; 9 soil borings drilled (complete); 7 wells installed, developed, and sampled (complete); aquifer testing (i.e., slug tests and borehole dilution tests) complete; NMR logging complete.	Present findings from Phase 1 work and proposed Phase 2 details to all parties.	Wk 12/10 100% (Ph 1 field)
Treatability Study: Galleria Road In-Situ Bioelectrochemical	Bench-scale study work plan submitted to NDEP on 5/7 and approved by NDEP on 5/14; Study implementation in progress	Complete bench-scale study.	Wk 6/40 7%
<u>Treatability Study: Galleria Road Bioremediation</u>	Drilling, well development, groundwater sampling, and NMR logging completed. UIC permit approval received. Borehole dilution testing is ongoing.	Complete Phase 1 activities; Present findings and proposed Phase 2 details to all parties.	Wk 13/13 98% (Ph 1 field)
<u>Treatability Study: Unit 4 Source Area</u>	Bench scale study underway. Water appropriation and Tronox permits received. UIC permit submitted. Eight extraction/injection wells, 2 monitoring wells, and 6 geotechnical borings completed in basement. Well development and nuclear magnetic resonance (NMR) logging is ongoing. Two Treatability Study Modification Requests in progress.	Submittal of Modification Requests. Approve Phase 1 budget; Complete Phase 1 activities; Present Phase 1 findings and proposed Phase 2 details to all parties.	Wk 7/36 20% (Ph 1 field)
GW Modeling – Phase 6	Phase 6 model preparation in progress.	Submittal of Phase 6 model revisions to incorporate Phase 5 comments and new RI data. Schedule Stakeholder Roundtable.	Wk 45/66 37%
Operations Area Baseline HRA	Submitted revised COPC/DU Report on 11/15/17; NDEP approved on 12/27/17. Trust provided comments on Neptune's soil background tech memo on 2/7/18. Preparation of OU-1/OU-2 Soil Gas/Groundwater BHRA Work Plan and OU-1 Soil BHRA in progress.	Submittal of OU-1/OU-2 Soil Gas/Groundwater BHRA Work Plan in June; Submittal of OU-1 Soil BHRA in February 2019.	Wk 21/20 95% (for OU-1/OU-2 Work Plan)
<u>Phase 2 Remedial Investigation Modifications</u>	<u>Approved</u> Modification Requests 1 - 10 <u>Submitted</u> Modification Request 11 (Soil Gas Survey in OU-1 and OU-2)	<u>In Progress</u> Modification Request 12 (Parcel E Investigation)	Ongoing

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TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>Phase 3 Remedial Investigation Modifications</u>	<u>Approved</u> Modification Requests 1 - 3 <u>Submitted</u> --	<u>In Progress</u> --	Ongoing

NDEP DOWNGRADIENT INVESTIGATION STATUS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>AECOM TASK 151 SW Investigation</u>	Completed drone-mounted thermal infrared (TIR) imaging survey and FO-DTS.	Evaluation and reporting of data.	TBD
<u>AECOM TASK 170 GW Investigation</u>	5 of 10 Downgradient Study Area wells installed. Performing bi-monthly well gauging of transducer-equipped wells. NERT review of Tech Memo summarizing 2017 transducer data.	Complete well installation and groundwater sampling (AECOM).	TBD

GWETS / COP PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>AP-5 Closure</u>	Pond residual solids and cemented/calcified material transfer ongoing. Conducted off-site and on-site liner cutting tests.	Complete residual solids transfer and cemented/calcified material removal. Begin liner and berm removal.	Ongoing
<u>GWETS/NET</u>	IX and GW-11 instrumentation update complete.	-	Ongoing
Pipeline Easements	Title search complete. Approx. 75% of pipeline appears to have significant easement issues.	NERT to determine strategy and budget for continuation of the project.	70%
AP Area Soil Flushing Treatability Study	Field efforts complete. Data evaluation and report preparation in progress	Submittal Results Report.	Wk 87/91 95%

OTHER ENVIRONMENTAL PROJECTS			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
<u>TIMET UIC Compliance</u>	Ongoing discussion with ETI regarding system configuration and proposal.	Present conceptual treatment plan to NDEP/EPA 6/22.	Ongoing
Parcels Risk Assessment	<ul style="list-style-type: none"> Parcel C, D, and G HRA Report, Revision 1 dated 11/3/17 approved by NDEP 1/19/17. Parcel H HRA Report, Revision 1 and RTCs submitted to NDEP on 2/12/18; approved by NDEP 3/22/18. Parcel F HRA Report dated 12/16/17 approved by NDEP 2/1/18 with minor comments to be addressed. Submitted RTCs and corrected pages on 2/27/18; Approved by NDEP with prior letter dated 2/1/18. Development of the NFA requests for Parcels C, D, F, G, and H in progress 	<ul style="list-style-type: none"> Submittal of the NFA requests for Parcels C, D, F, G and H. 	Ongoing

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TRUST ADMINISTRATION			
TASK *	CURRENT STATUS	UP-NEXT	SCHEDULE
Budget Status	2018 budget approved.	-	Ongoing
Stakeholder Relations	Finalization of specifics for upcoming Stakeholder Roundtable.	Align on response to MWD/CAP Phase 3 letter.	Ongoing
Tronox LTCA Projects	10 active projects; 0 project approval pending.	--	Ongoing
BWC / BEC Negotiations	<u>In Progress</u> <ul style="list-style-type: none"> LS#2 easement amendment Phase 3 access agreement 	<u>To Be Discussed</u> <ul style="list-style-type: none"> Corrective easements for pipelines 	Ongoing
Chlorine Line	Ongoing negotiation with all parties.	NERT to discuss with NDEP when appropriate.	Ongoing
Easement for Parcel E (+ Western Slice)	NERT provided comments re: Henderson GW, LLC draft easement on 9/21; additional comments were received; call with Henderson GW, LLC to discuss comments on 6/5.	Henderson GW to respond to questions raised during 6/5 call.	Ongoing
Perchlorate Reimbursement	Sixth payment demand (\$7,858,684.17) submitted on 3/16/18; Had discussions with DOD on 5/29; Received confirmation of recommendation to Treasury for full payment; interest begins to accrue on 7/16.	-	-
AIG Claims	44-B and 45-B claims paid by AIG. 46-B claim was submitted on 4/18 for \$112,976.30.	Submittal of remaining 2017 and 2018 invoices and respond to questions from AIG on 46-B.	Ongoing
Tronox Lease Assignment	Initial site visits complete; Finalization of data gap work plan in progress. Compliance audits complete.	Complete investigation report; Engage in dialogue with Tronox.	Ongoing
Financial Reporting	May monthly report distributed.	Distribution of June monthly report. NERT awaiting feedback on revised draft Amendment Three to Trust Agreement.	Ongoing

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